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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 15, 2013

Daniel Wolfe  
1584 South 580 East, Suite A  
American Fork, Utah 84003

Subject: Denial of Full Reclamation Surety Release Request and Revegetation Recommendations, Red Wolf Development Inc., Red Wolf MPI Mine, S/039/0021, Sanpete County, Utah

Dear Mr. Wolfe:

The Division of Oil, Gas and Mining denies your request for a full release of the reclamation surety and file closure for the Red Wolf MPI Mine. This request was received July 16, 2013. A Division inspection on July 10, 2013, found that, despite seeding and regrading of significant portions of the site in 2011, revegetation does not support the post-mining land use of wildlife and livestock pasture. This conclusion was confirmed by another Division staff member on September 16, 2013 (see the recent inspection report). The landowner, Allen Shelley, reports weed control efforts which have killed musk thistle that were growing at the site. Some musk thistle growth next year is likely. The permit for the graded mine site cannot yet be closed nor the reclamation surety released.

It is unlikely that the required post-mining land use will be achieved without additional revegetation work. The Division recommends that, sometime late this fall or early winter, you **EITHER**:

- 1) Drill seed the site with the recommended seed mix and rate using a rangeland drill. Due to the rockiness of the site, drill seeding may be difficult.

### **OR**

- 1) Scarify the surface to a depth of 2 to 4 inches, and
- 2) Broadcast seed the scarified surface immediately, using the recommended seed mix and rate.

The Division observed very little evidence of any of the species from your 2011 seed mix, most of which are not suited to site conditions and are relatively expensive. The seeding rate of 25 pounds per acre is high.

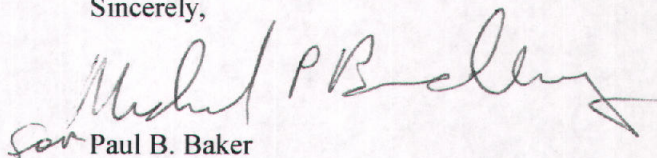
If you seed again this year, please inform the Division as far in advance as possible of the date when this will be done. As you did in 2011, please provide the Division with a brief summary of your seeding and scarifying work at this site, including seeding dates, photographs, copies of seed tags, and information about the seed mix, the seeding rate, the timing of seeding, etc.



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Thank you for your cooperation. Please contact Peter Brinton at 801-538-5258 or me at 801-538-5261 if you have any questions or concerns regarding this letter. In response, please reference file number S/039/0021.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul B. Baker", with a stylized flourish at the end.

Paul B. Baker  
Minerals Program Manager

PBB:pnb:pb

Enclosed: Red Wolf MPI mine seed mix

cc: Allen Shelley, landowner (105 East 200 South, Number 96, Mount Pleasant, Utah 84647) w/ enclosure (seed mix)

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**Sanpete County seed mix (northern valleys - landscape rock producers)**

Species	Pounds Live Seed per Acre	Notes
Intermediate wheatgrass	4	
Western wheatgrass	3	
Crested wheatgrass	2	
Dry-land alfalfa	2	Ranger or Ladak
Forage kochia	0.5	
Sweet clover	0.5	
Russian wild rye	2	
<b>Total</b>	<b>14</b>	